

**ABSTRACT**

Disclosed is a driving method of a PDF(Plasma Display Panel) capable of stably displaying by removing excess charged particles collected on the outside of a display screen through a reciprocating action of a scan direction. The driving method of a PDF(Plasma Display Panel) including a pair of substrates arranged at a prescribed interval, a plurality of address electrodes formed on one of the substrates and scan electrodes to the number of N formed to intersect the address electrodes includes the steps of: dividing 1 field of input video signal into a plurality of sub-fields having brightness weight respectively; and applying a scan pulse to the scan electrodes to the number of N in order and simultaneously applying an input video data signal pulse to the plurality of address electrodes, in each sub-field, to have an address period designating cells to be displayed and a sustain period applying a sustain pulse to the designated cells according to the brightness weight of the corresponding sub-field, wherein the plurality of sub-fields include sub-fields, which have the address period applying the scan pulse to the scan electrodes to the number of N in order of 1, 2, ..., N-1 and N, and sub-fields, which have the address period applying the scan pulse to the scan electrodes in order of N, N-1, ..., 2 and 1. The present invention can prevent abnormal discharge

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and dielectric breakdown occurring by the excess charged particles collected on the outside of the display screen.

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